



**BONN HUNGARY  
ELECTRONICS**

**LOW NOISE  
PHASE LOCKED VCO  
WITH INTERNAL REFERENCE**

**BOVI  
Family  
NDS # 207**

an ISO 9001 Certified Company



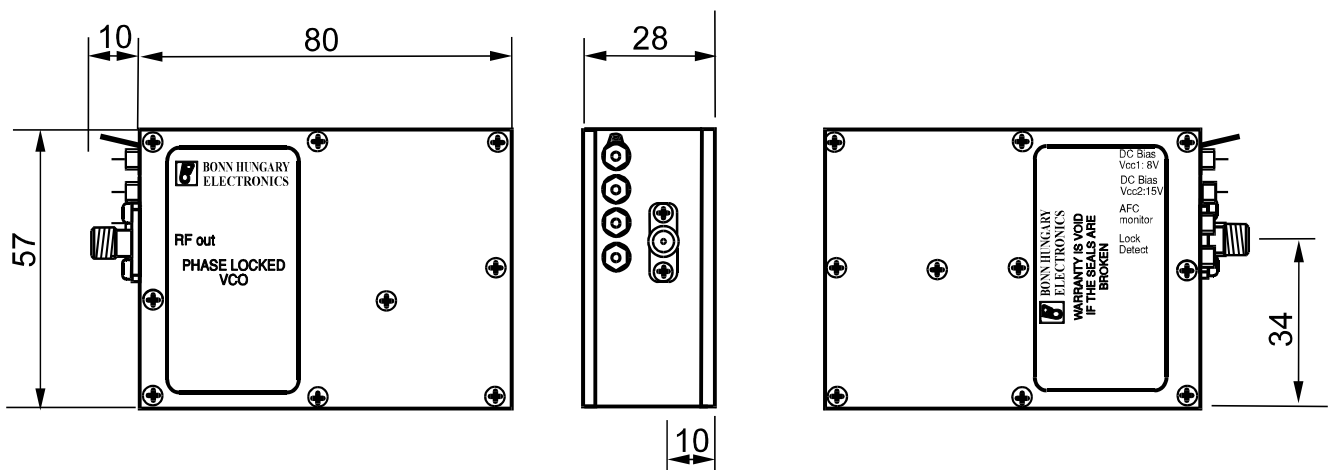
- VERY LOW PHASE NOISE
- LOW HARMONICS & SPURIOUS
- COMPACT SIZE
- BUILT IN LOW PHASE NOISE REFERENCE

**ELECTRICAL CHARACTERISTICS :**

Operating Frequency Range		0.3 - 3 GHz		
Output Power		+ 10 dBm		
Internal Reference Frequency Stability		± 2 ppm (or opt. ± 0.2 ppm)		
Harmonics		< - 25 dBc		
Spurious		< - 70 dBc		
Phase Noise	@ Frequency range (MHz)	300 - 600	600 - 1500	1500 - 3000
	(dBc/Hz) @ 100 Hz	< - 84	< - 77	< - 70
	(dBc/Hz) @ 1 kHz	< - 110	< - 102	< - 95
	(dBc/Hz) @ 10 kHz	< - 120	< - 112	< - 105
	(dBc/Hz) @ 100 kHz	< - 130	< - 112	< - 105
	(dBc/Hz) @ 1 MHz	< - 140	< - 135	< - 130
DC Supply		+ 12 V / 150 mA		
Operating temperature range		- 30 to + 70 °C		

Specifications are subject to change without notice.

**OUTLINE DIMENSIONS (mm):**



**BONN Elektronik**  
RF Systems, Instruments and Components



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